
Subject: Re: Where is the right place to define new structs?

Posted by [R.Bauer](#) on Wed, 05 Sep 2001 07:58:02 GMT

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Olaf Stetzer wrote:

>
> Hello again,
>
> just another question:
>
> I want to implement a function for thermodynamic
> calculations I need. This function needs a parameter
> set as input and returns a parameter set as output, so
> I have to define the structs which hold these sets
> somewhere.
>
> I think that the right place is in the same .pro-file
> which holds the function but I am not sure if IDL is reading
> this definition automatically when I use the function in a
> different program. Here is an example:
>
> foo.pro:
>
> define structs...
>
> function code...
>
> bar.pro:
>
> use one of the structs, then
> call the fuction foo and pass
> the struct to the function.
>
> Thanks for your help,
>
> Olaf
>
> ps: Maybe it is the right time of buying a book on
> IDL-coding now... :-)

Dear Olaf,

IDL searches routines along its search path but it looks first
in the path were idl is in.

cd,current=current

print,current

You can define this path by idlde preferences path or startup.

We prefer the startup method.

Because it is necessary if you have a library and many users
all of them should have the same order of pathes.

You can define a function like

```
function my_func
```

```
    struct={a:1}
```

```
    return,struct
```

```
end
```

If this is saved in the search path it is loaded

by `x=my_func()`

If you like named structure you can define them in the startup file
too.

Then you only have to call them by `x={name of structure}`

regards

Reimar

--

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<http://www.fz-juelich.de/icg/icg1/>

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a IDL library at Forschungszentrum Juelich

http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html

<http://www.fz-juelich.de/zb/text/publikation/juel3786.html>

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read something about linux / windows

